

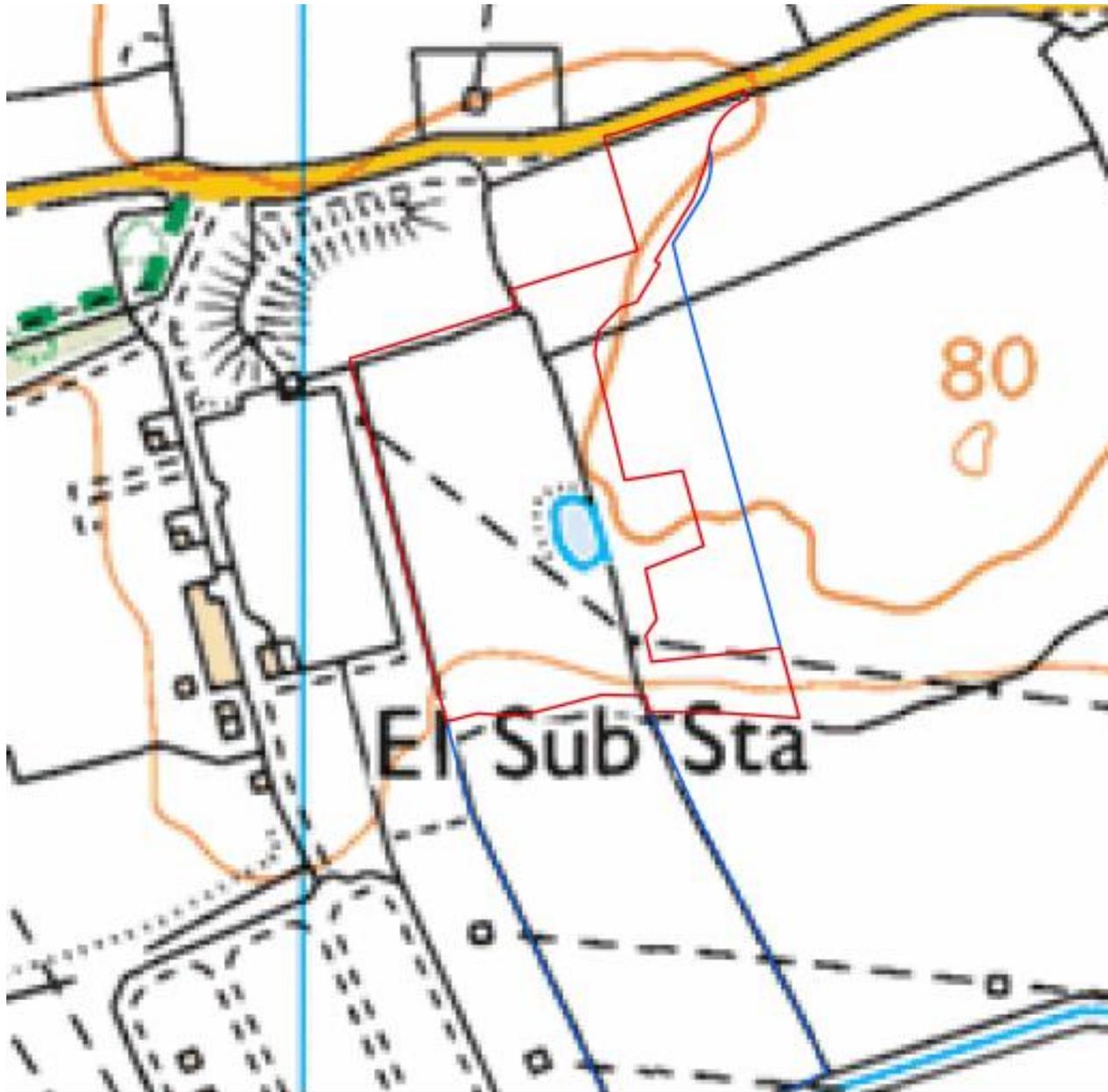
21/00195/FUL

Land South Of, Astwood Lane, Feckenham,  
Redditch, Worcestershire, B96 6HP

Construction of a Greener Grid Park comprising  
energy storage and grid balancing equipment,  
along with associated infrastructure,  
landscaping and access.

Recommendation: Grant subject to conditions

# Site Location Plan



# Local Plan Allocation Map



## Key

 Green Belt  
(Policy 8 Green Belt)

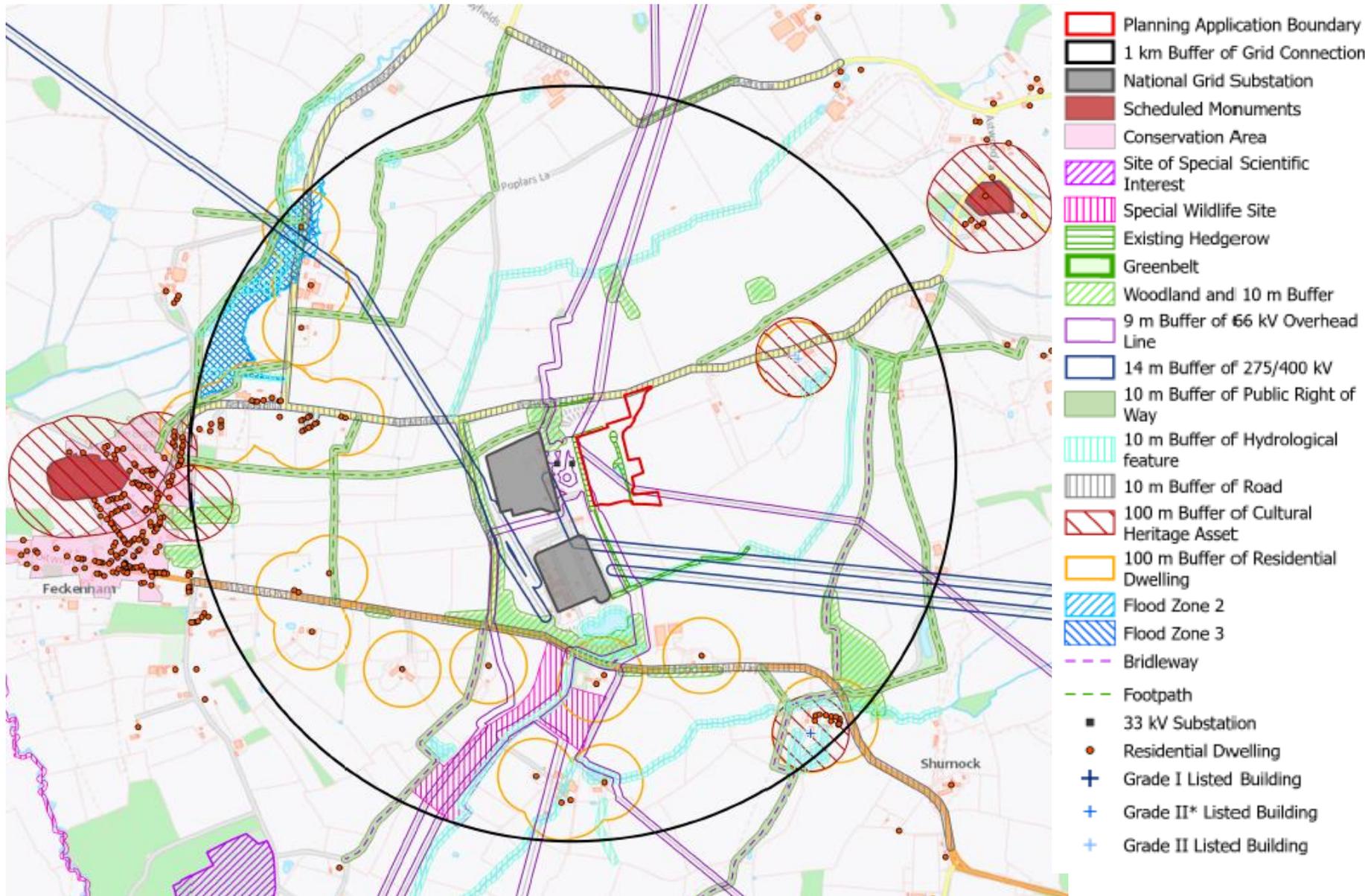
# Satellite View



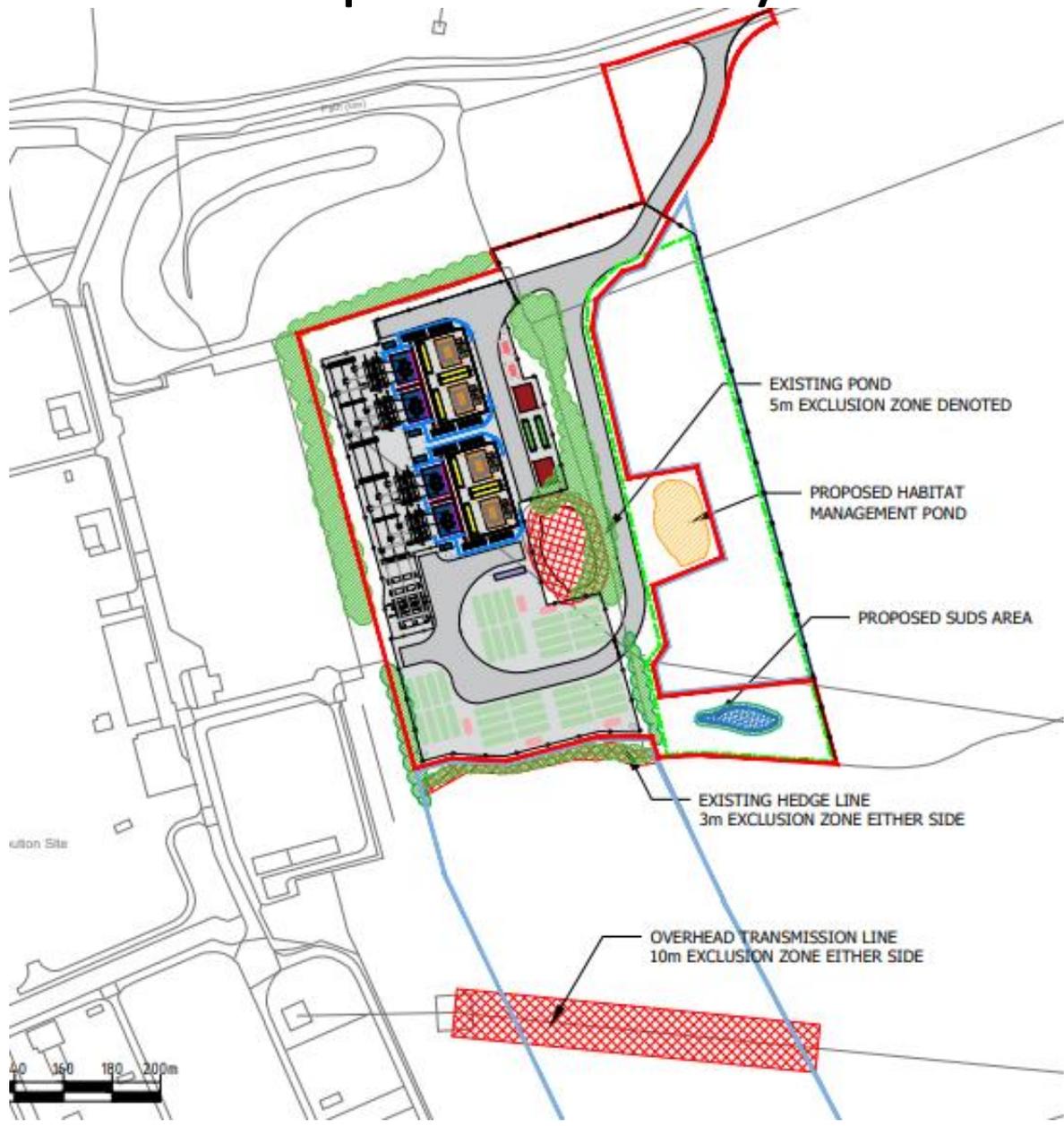
# Application Site Context



# Constraints Plan



# Proposed Site Layout



— 3.4m HIGH PALISADE FENCE

— 1.6 m STOCK PROOF FENCE

■ BATTERY (12.9m x 2.44m x 2.59m)

■ INVERTER (6.1m x 2.44m x 2.59m)

■ TRANSFORMERS WITH 7.0M HIGH CONNECTING BUS BARS

■ LV SWITCH HOUSE (7.5m x 9.1m x 3.5m)

■ FIRE WALL (0.5m x 10.0m)

— BUILDING (20.7m x 36.7m x 10.0m TO ROOF PITCH)

■ E-HOUSE (ENCLOSED IN BUILDING 20.7m x 36.7m x 10.0m TO ROOF PITCH)

■ ENERGY MANAGEMENT SYSTEM (ENCLOSED IN BUILDING 20.7m x 36.7m x 10.0m TO ROOF PITCH)

■ COOLER (9.6m x 2.4m x 2.5m)

— PROPOSED ROADS

■ EMERGENCY BACK UP DIESEL GENERATOR (6.1m x 3.6m x 2.9m)

■ COMMS HOUSE (12.19m x 2.44m x 2.59m)

● 6m SECURITY COLUMN

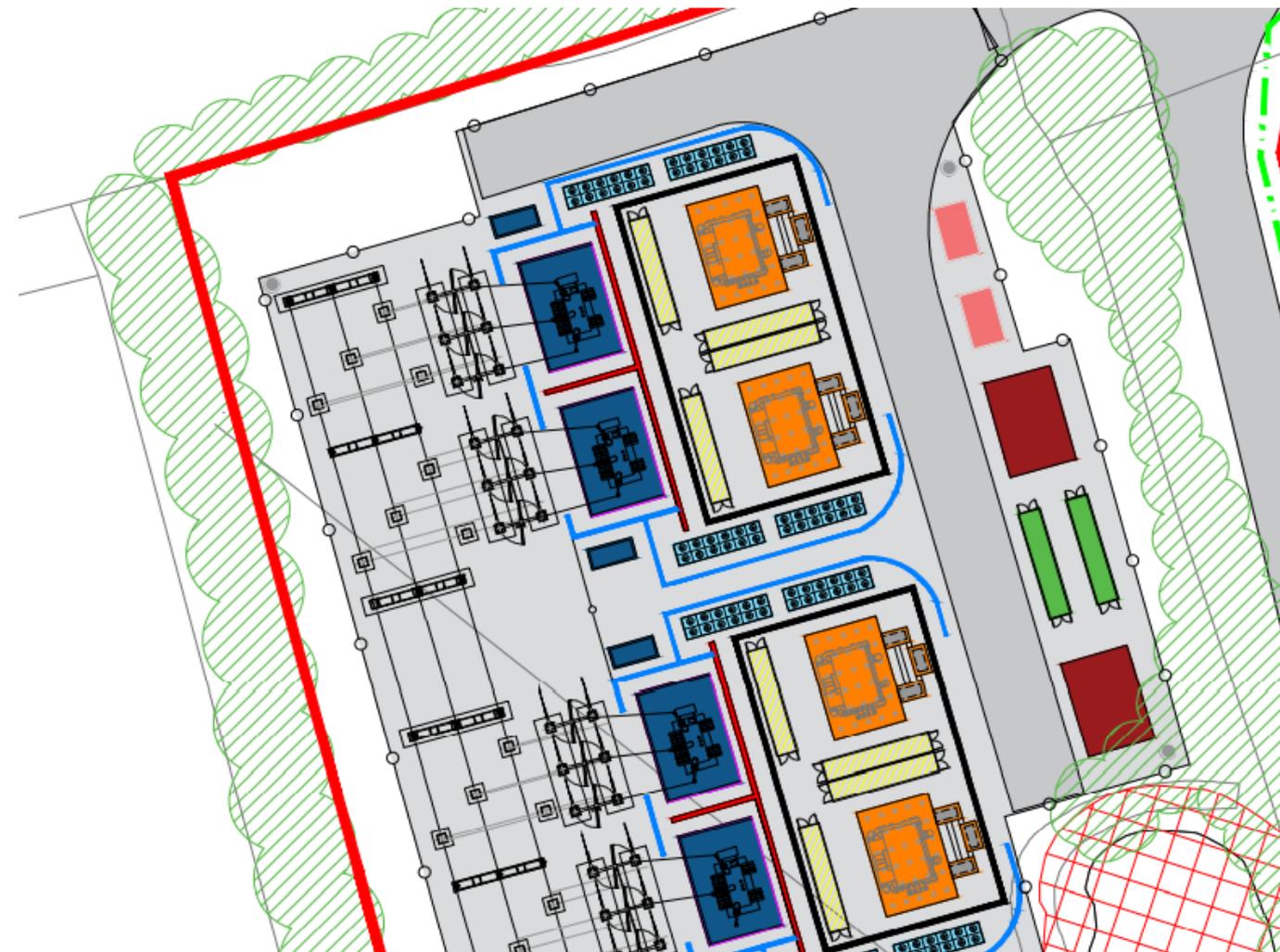
— 4m HIGH WALL

— HABITAT MANAGEMENT AREA

■ WELFARE FACILITIES (12.9m x 2.44m x 2.59m)

■ CRUSHED AGGREGATE

■ INDICATIVE EXISTING VEGETATION



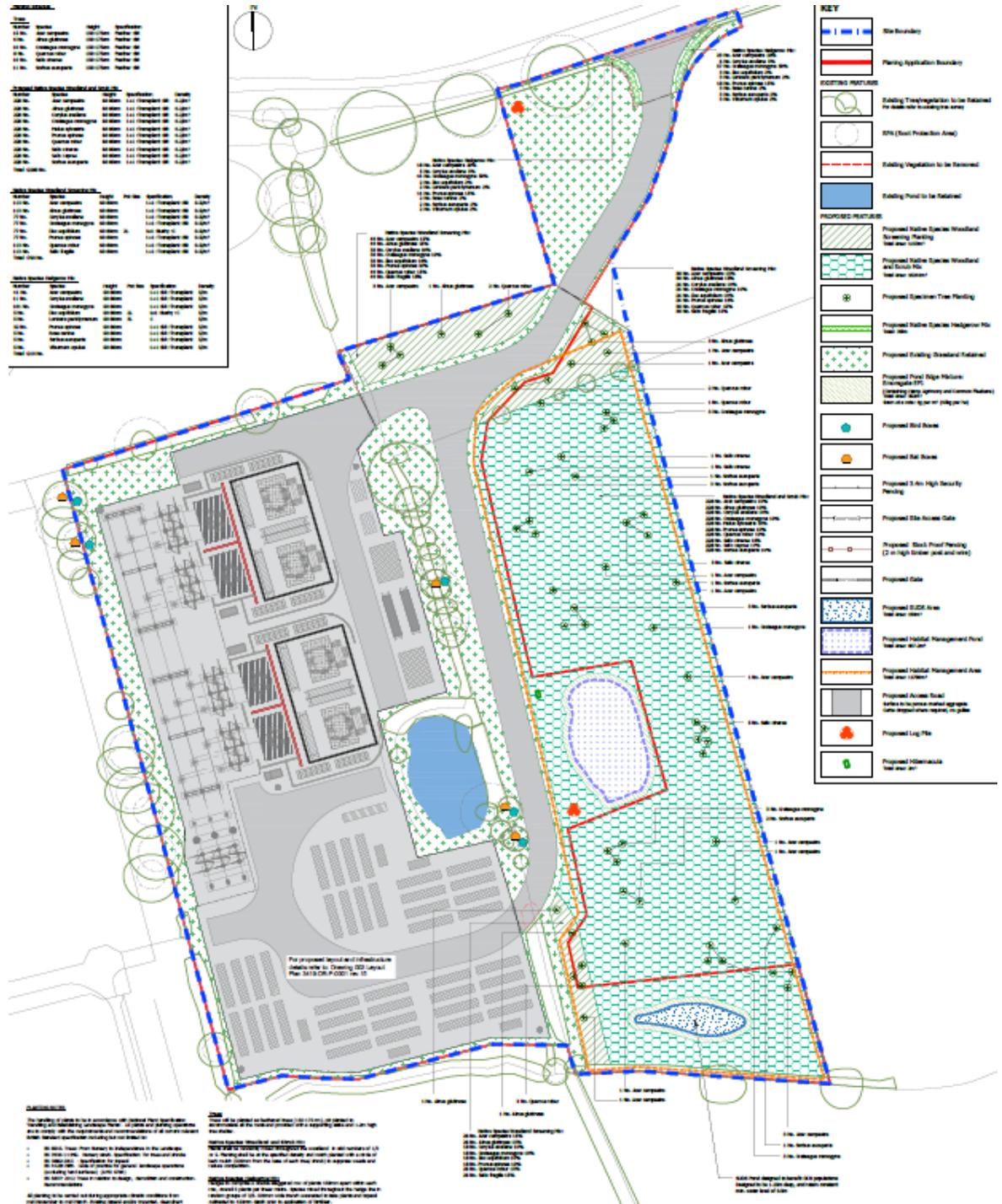
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- 4m HIGH WALL
- HABITAT MANAGEMENT AREA
- WELFARE FACILITIES (12.9m x 2.44m x 2.59m)
- CRUSHED AGGREGATE
- INDICATIVE EXISTING VEGETATION



# Proposed Access Junction



# Landscape and Biodiversity Mitigation Plan



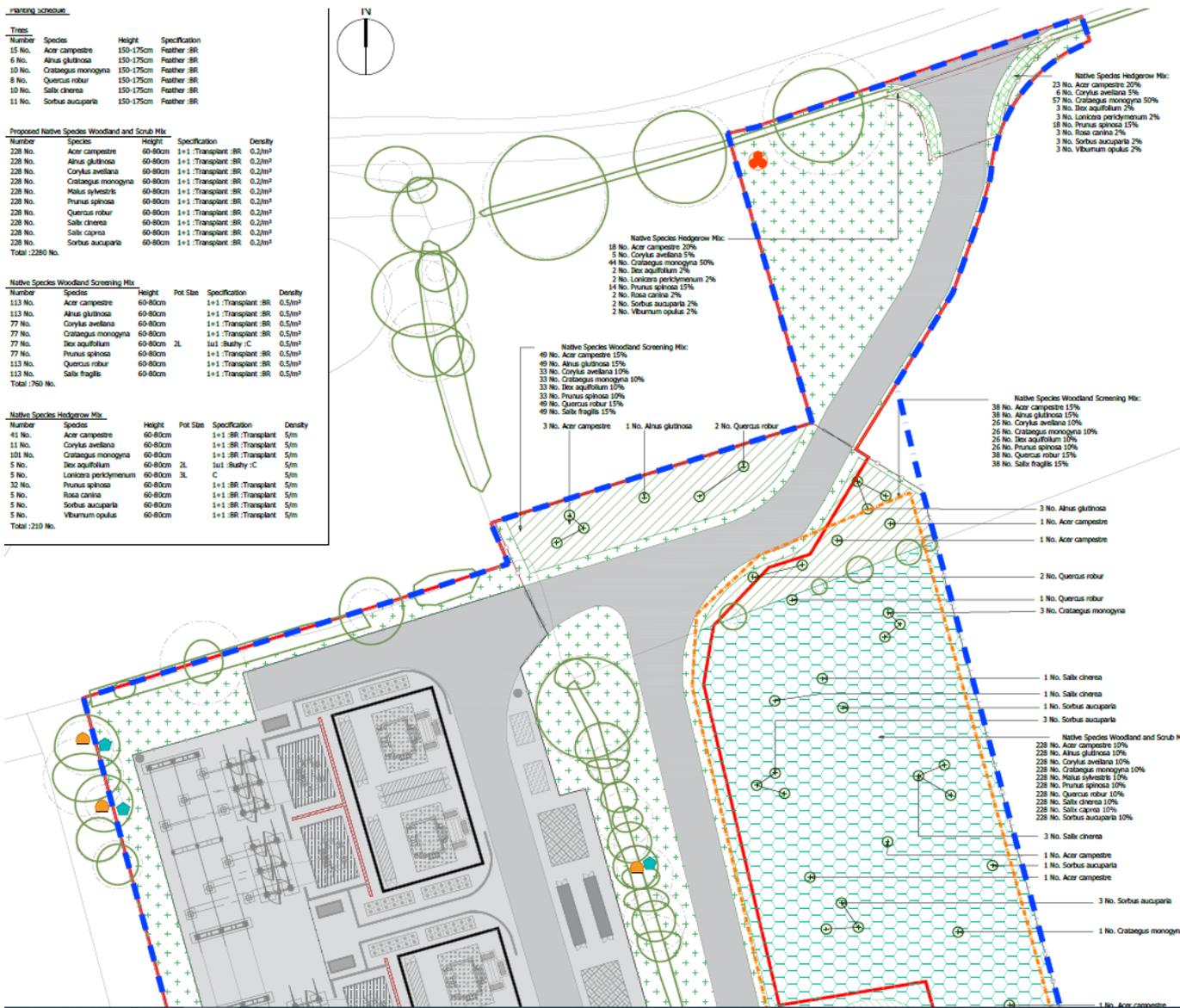
**Planting Schedule**

Trees	Number	Species	Height	Specification
15 No.	Acer campestre	150-175cm	Feather: BR	
6 No.	Alnus glutinosa	150-175cm	Feather: BR	
10 No.	Crataegus monogyna	150-175cm	Feather: BR	
8 No.	Quercus robur	150-175cm	Feather: BR	
13 No.	Salix chama	150-175cm	Feather: BR	
11 No.	Sorbus aucuparia	150-175cm	Feather: BR	

Proposed Native Species Woodland and Scrub Mix	Number	Species	Height	Specification	Density
228 No.	Acer campestre	60-80cm	1+1: Transplant: BR	0.2/m <sup>2</sup>	
228 No.	Alnus glutinosa	60-80cm	1+1: Transplant: BR	0.2/m <sup>2</sup>	
228 No.	Corylus avellana	60-80cm	1+1: Transplant: BR	0.2/m <sup>2</sup>	
228 No.	Crataegus monogyna	60-80cm	1+1: Transplant: BR	0.2/m <sup>2</sup>	
228 No.	Malus sylvestris	60-80cm	1+1: Transplant: BR	0.2/m <sup>2</sup>	
228 No.	Prunus spinosa	60-80cm	1+1: Transplant: BR	0.2/m <sup>2</sup>	
228 No.	Quercus robur	60-80cm	1+1: Transplant: BR	0.2/m <sup>2</sup>	
228 No.	Salix chama	60-80cm	1+1: Transplant: BR	0.2/m <sup>2</sup>	
228 No.	Salix caprea	60-80cm	1+1: Transplant: BR	0.2/m <sup>2</sup>	
228 No.	Sorbus aucuparia	60-80cm	1+1: Transplant: BR	0.2/m <sup>2</sup>	

Native Species Woodland Screening Mix	Number	Species	Height	Pot Size	Specification	Density
113 No.	Acer campestre	60-80cm	1+1: Transplant: BR	0.5/m <sup>2</sup>		
113 No.	Alnus glutinosa	60-80cm	1+1: Transplant: BR	0.5/m <sup>2</sup>		
77 No.	Corylus avellana	60-80cm	1+1: Transplant: BR	0.5/m <sup>2</sup>		
77 No.	Crataegus monogyna	60-80cm	1+1: Transplant: BR	0.5/m <sup>2</sup>		
77 No.	Ilex aquifolium	60-80cm	2L	Just: Bushy: C	0.5/m <sup>2</sup>	
77 No.	Prunus spinosa	60-80cm	1+1: Transplant: BR	0.5/m <sup>2</sup>		
113 No.	Quercus robur	60-80cm	1+1: Transplant: BR	0.5/m <sup>2</sup>		
113 No.	Salix fragilis	60-80cm	1+1: Transplant: BR	0.5/m <sup>2</sup>		

Native Species Hedgerow Mix	Number	Species	Height	Pot Size	Specification	Density
41 No.	Acer campestre	60-80cm	1+1: BR: Transplant: 5m			
11 No.	Corylus avellana	60-80cm	1+1: BR: Transplant: 5m			
101 No.	Crataegus monogyna	60-80cm	1+1: BR: Transplant: 5m			
5 No.	Ilex aquifolium	60-80cm	2L	Just: Bushy: C		
5 No.	Lonitza periclymenum	60-80cm	2L	C		
32 No.	Prunus spinosa	60-80cm	1+1: BR: Transplant: 5m			
5 No.	Rosa canina	60-80cm	1+1: BR: Transplant: 5m			
5 No.	Sorbus aucuparia	60-80cm	1+1: BR: Transplant: 5m			
5 No.	Viburnum opulus	60-80cm	1+1: BR: Transplant: 5m			



**EXISTING FEATURES**



Existing Tree/vegetation to be Retained  
For details refer to existing tree survey



RPA (Root Protection Area)



Existing Vegetation to be Removed



Existing Pond to be Retained

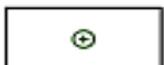
**PROPOSED FEATURES**



Proposed Native Species Woodland Screening Planting  
Total Area: 1153m<sup>2</sup>



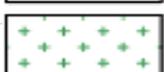
Proposed Native Species Woodland and Scrub Mix  
Total Area: 1024m<sup>2</sup>



Proposed Specimen Tree Planting



Proposed Native Species Hedgerow Mix  
Total: 39m



Proposed Existing Grassland Retained



Proposed Pond Edge Mixture: Emorsgate EP1  
(Containing Hemp Agrimony and Common Fleabane)  
Total Area: 352m<sup>2</sup>  
Sown at a rate: 4g per m<sup>2</sup> (40kg per ha)



Proposed Bird Boxes



Proposed Bat Boxes



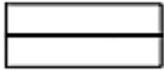
Proposed 3.4m High Security Fencing



Proposed Site Access Gate



Proposed Stock Proof Fencing  
(2 m high timber post and wire)



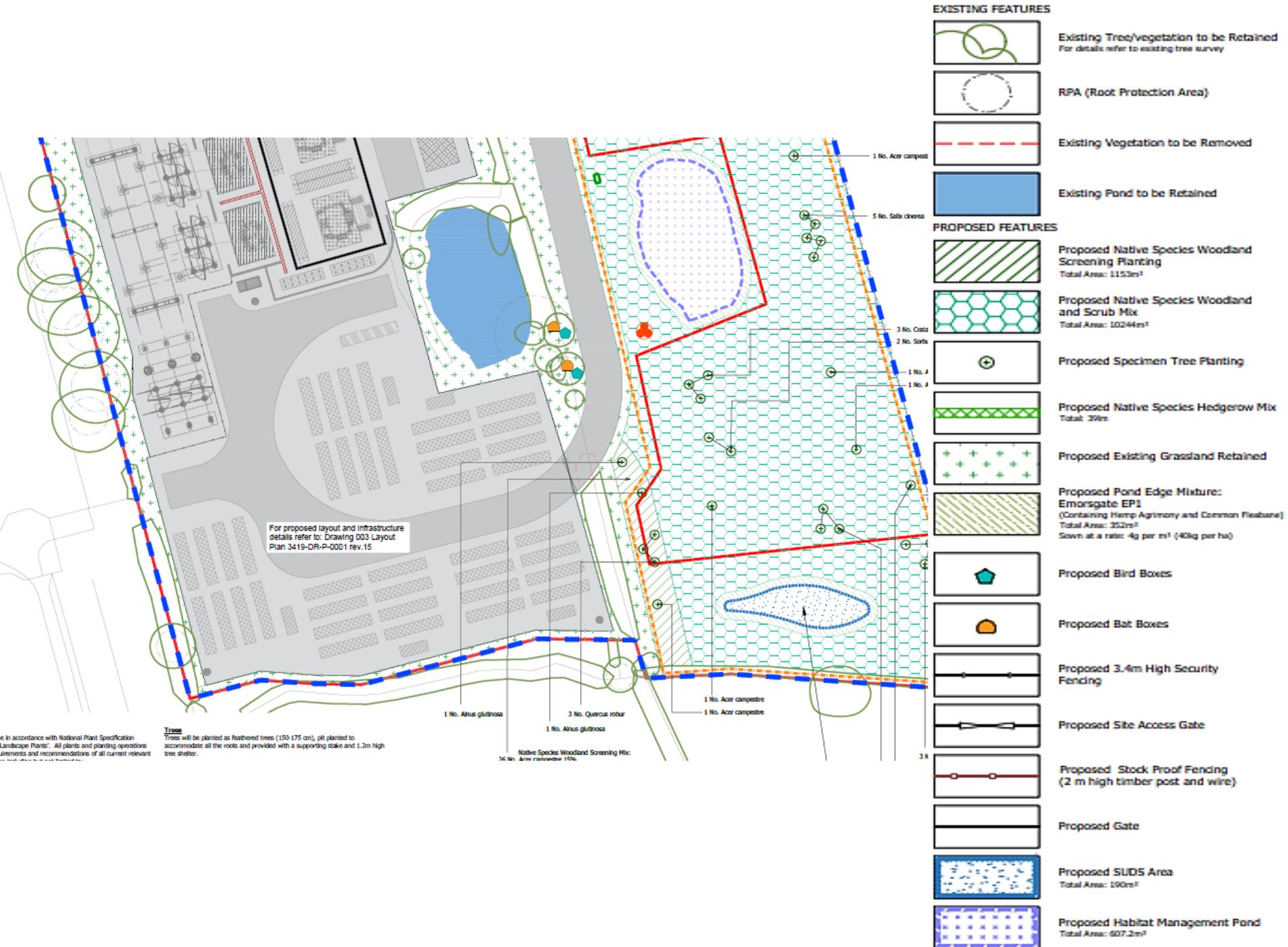
Proposed Gate



Proposed SUDS Area  
Total Area: 190m<sup>2</sup>

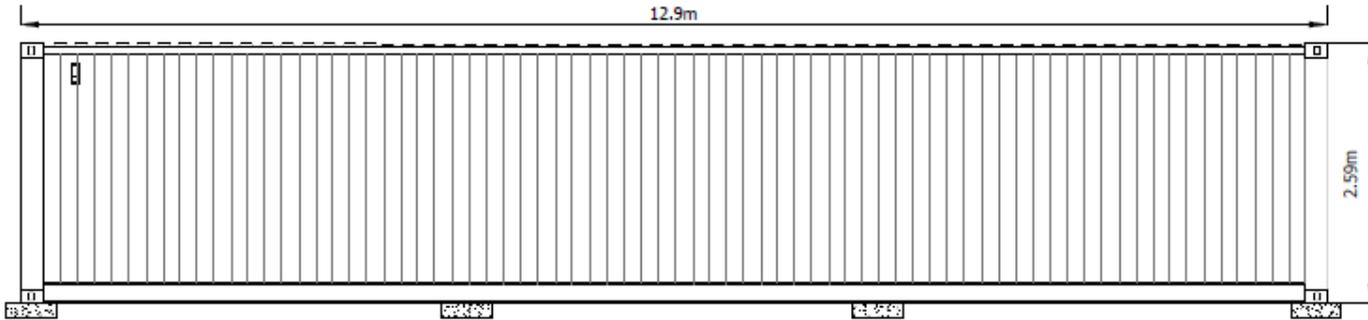


Proposed Habitat Management Pond  
Total Area: 607.2m<sup>2</sup>

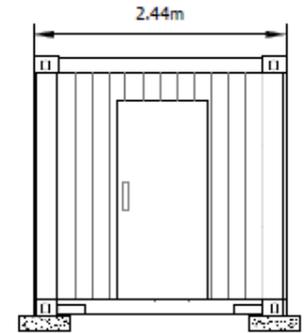


in accordance with National Plant Specification Landscape Plants. All plants and planting operations to be carried out in accordance with the terms and conditions of the contract and recommendations of all current relevant standards.

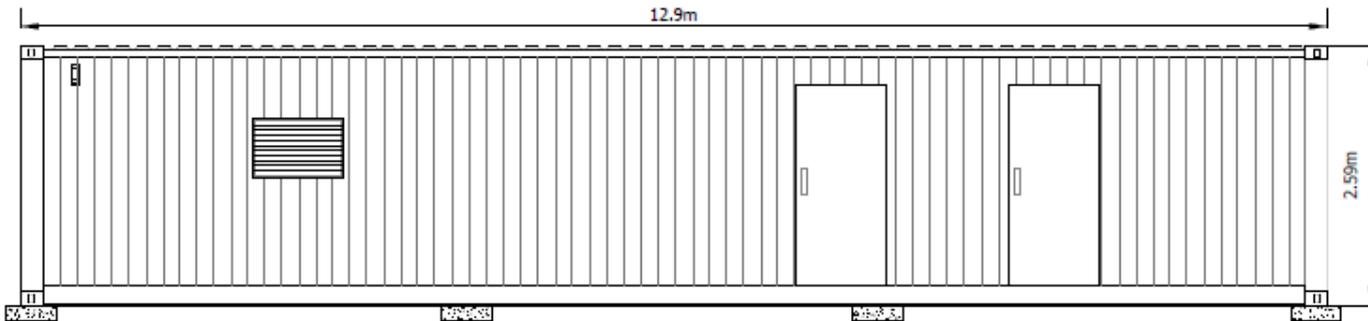
# Battery Container



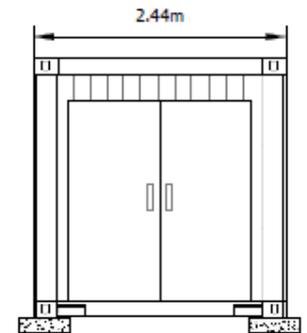
FRONT ELEVATION



END ELEVATION

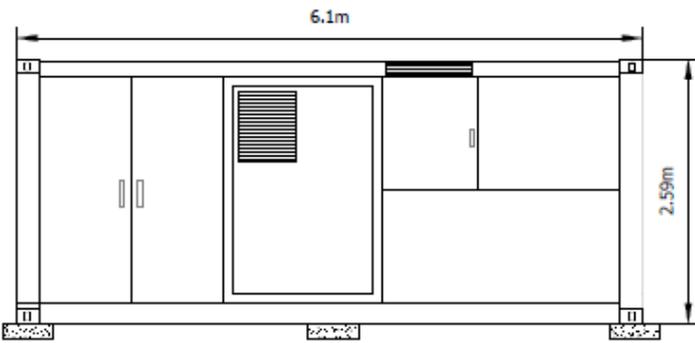


REAR ELEVATION

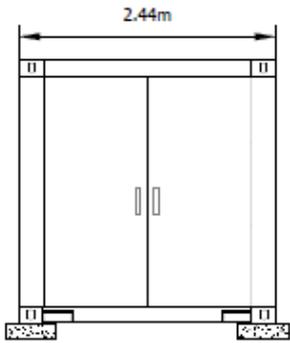


END ELEVATION

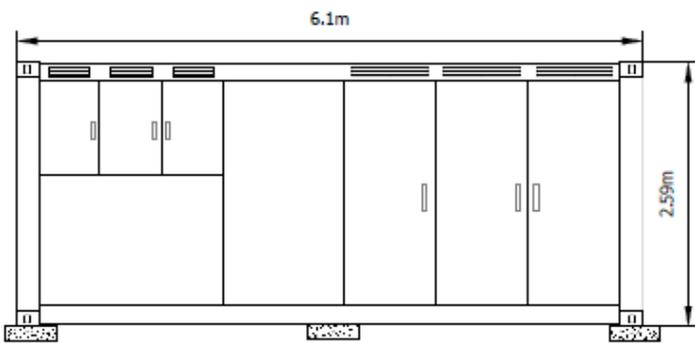
# Inverter Units



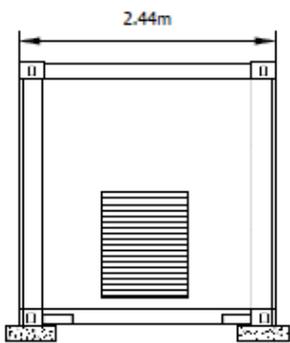
FRONT ELEVATION



END ELEVATION

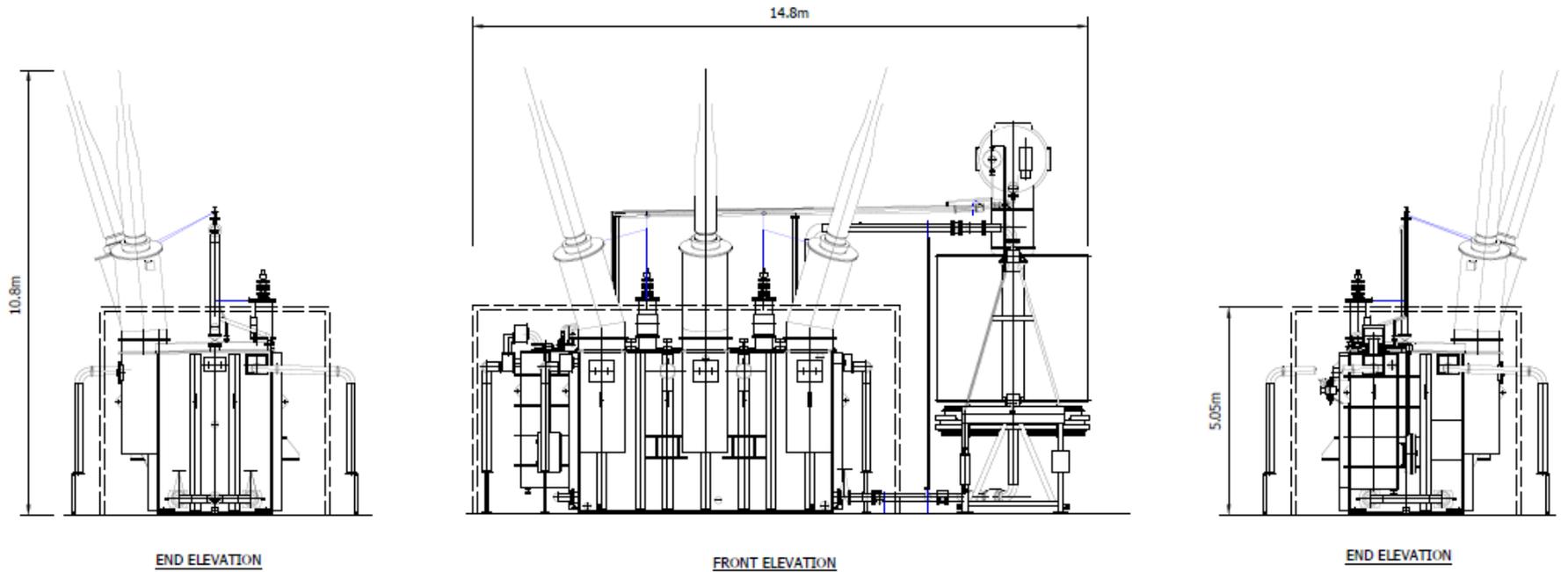


REAR ELEVATION



END ELEVATION

# Transformers



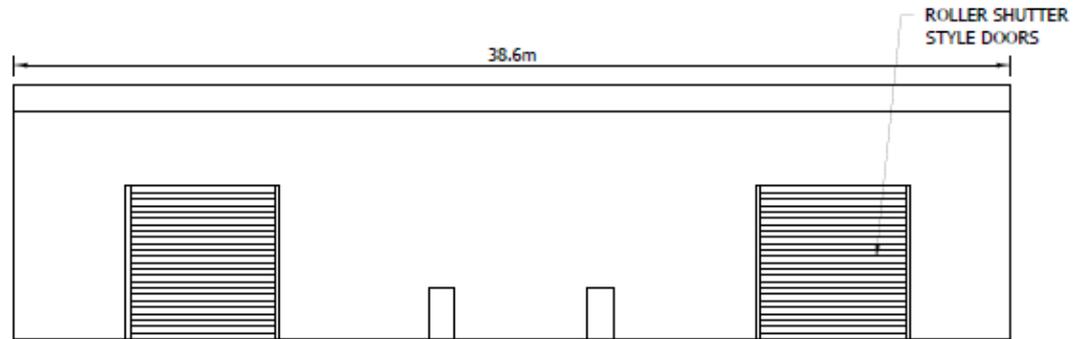
# Energy Management Building



PLAN



END ELEVATION



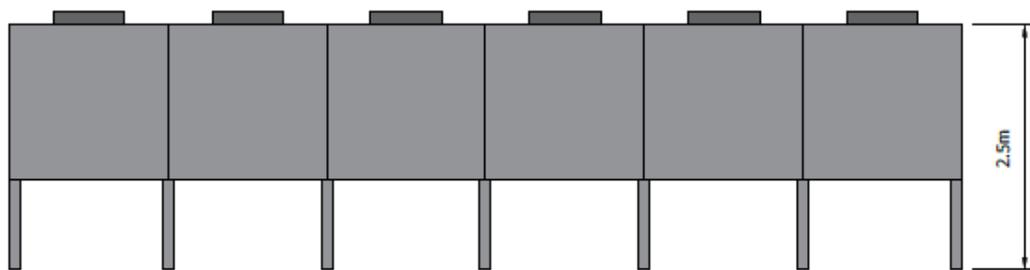
ROLLER SHUTTER  
STYLE DOORS

ELEVATION

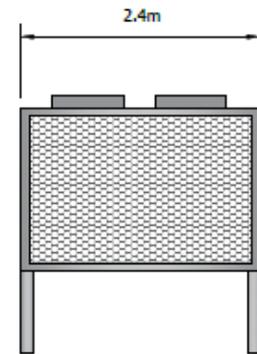
# Coolers



PLAN

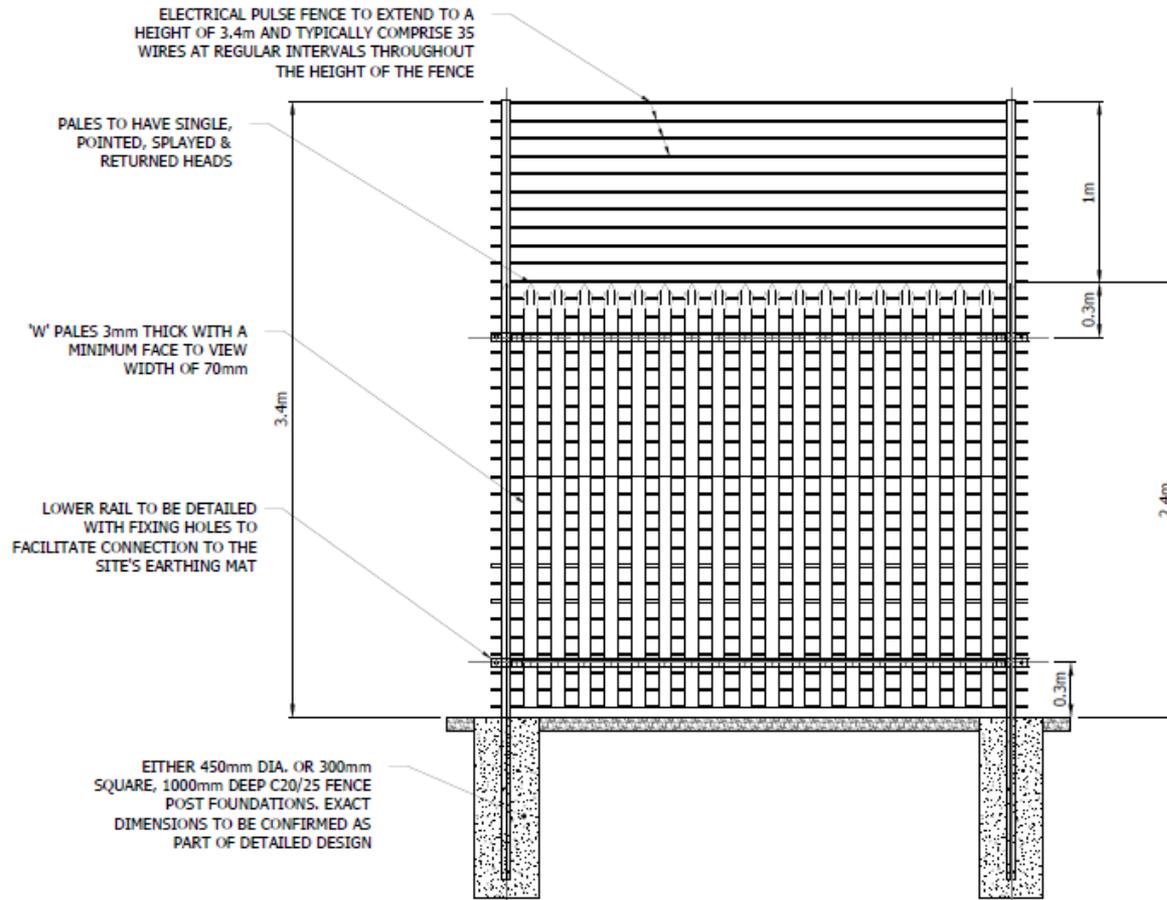


ELEVATION

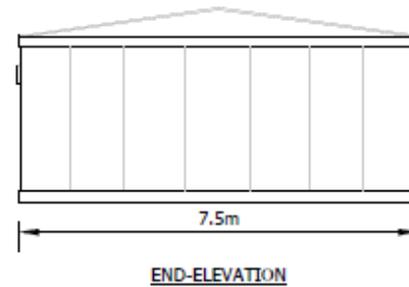
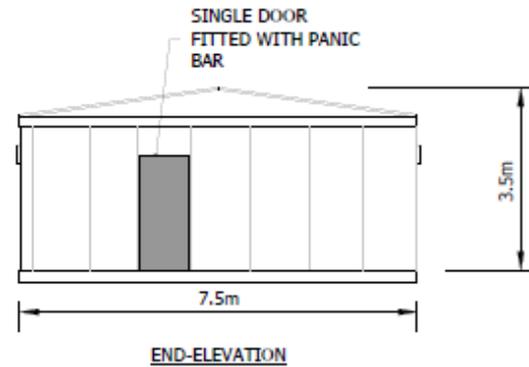
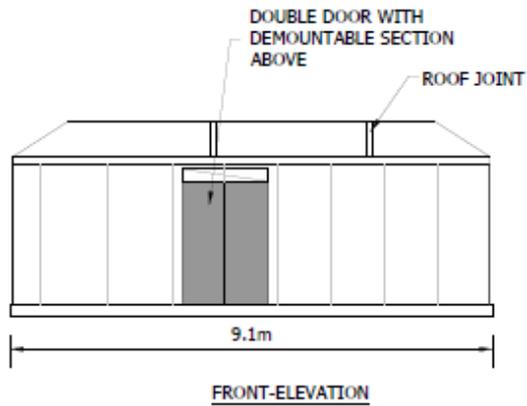


END ELEVATION

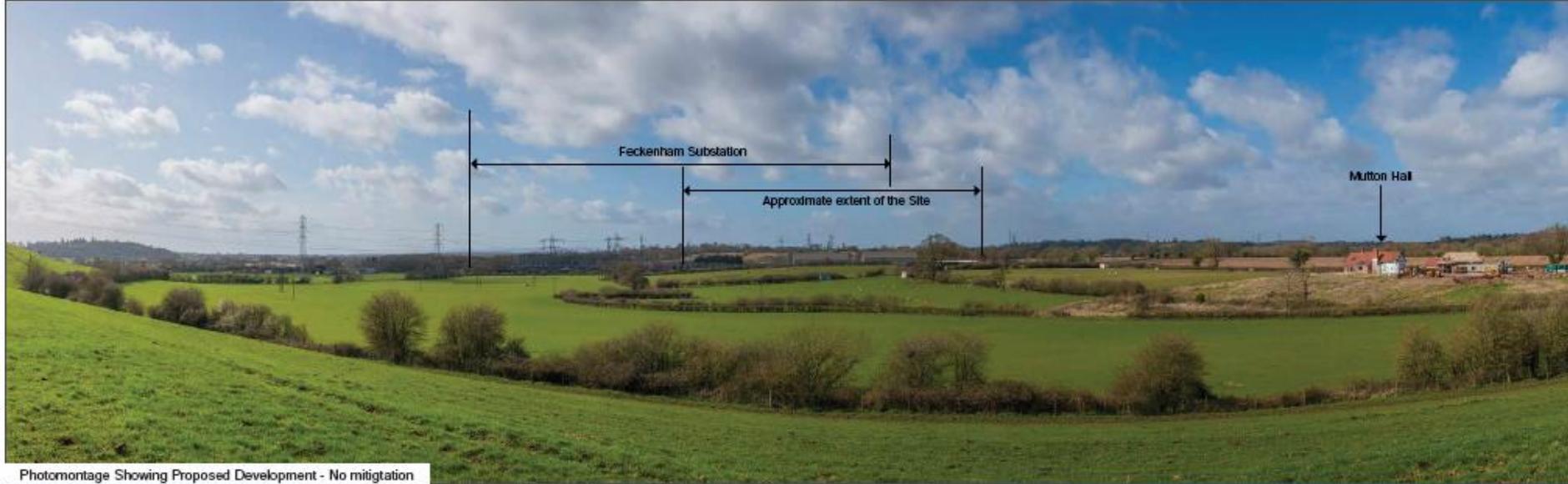
# Fencing



# Switch Houses



# Viewpoint 1: Bridleway RD-786, Looking West



# Viewpoint 2: Bridleway RD-786, Looking Northwest



Photomontage Showing Proposed Development - No mitigation



Photomontage Showing Proposed Development - Mitigation Year 15

# Viewpoint 3: Bridleway RD-787, near Shurnock Court, Looking North-West



# Viewpoint 4: Astwood Lane and permissive footpath, Looking South

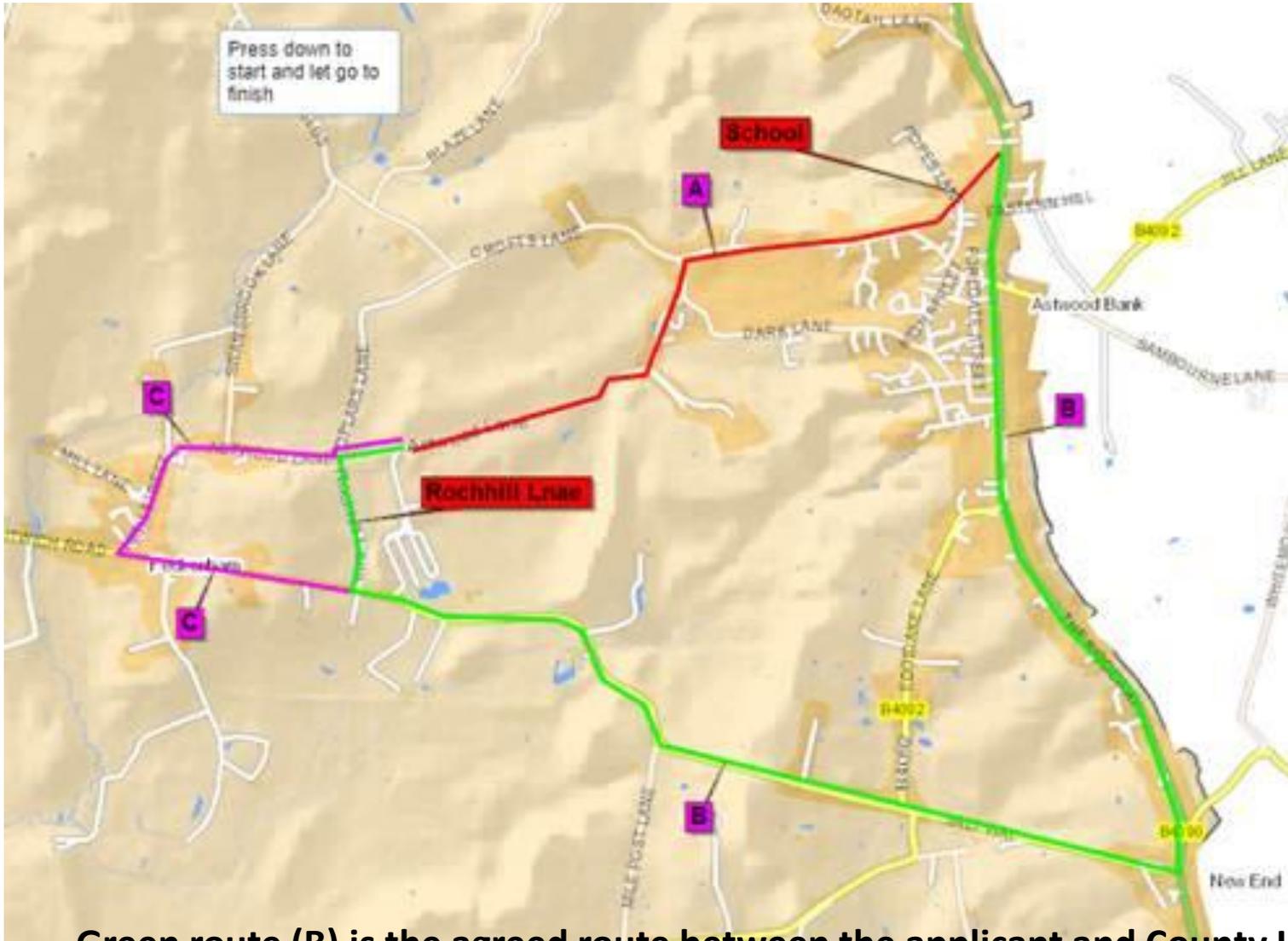


Photomontage Showing Proposed Development - No mitigation



Photomontage Showing Proposed Development - Mitigation Year 15

# Proposed HGV Routing Plan



**Green route (B) is the agreed route between the applicant and County Highways Plan produced by County Highways**